

## § 162.050-39

(ii) Horizontally from side to side; and

(iii) Horizontally from end to end.

(2) The vibrating frequency must be 80 Hz, except that the vibrating frequency of equipment that has a resonant frequency between 2 Hz and 80 Hz must be the resonant frequency. If the vibrating frequency is between 2 Hz and 13.2 Hz, the displacement amplitude must be  $\pm 1$  mm. If the vibrating frequency is between 13.2 Hz and 80 Hz, the acceleration amplitude must be  $\pm [(.7)(\text{gravity})]$ .

(c) After completion of the tests specified in paragraph (b) of this section, a search must again be made for resonance and any significant change in the vibration pattern must be noted in the test report.

[CGD 76-088a, 44 FR 53359, Sept. 13, 1979, as amended by USCG-2004-18939, 74 FR 3392, Jan. 16, 2009]

## § 162.050-39 Measurement of oil content.

The collection and testing of all samples of oil in water from the required test will be accomplished in accordance with ISO 9377-2 (2000), Water Quality—Determination of hydrocarbon oil index-Part 2: Method Using solvent extraction and Gas Chromatography (incorporated by reference, see § 162.050-4).

[USCG-2004-18939, 74 FR 3393, Jan. 16, 2009]

## PART 163—CONSTRUCTION

### Subpart 163.001 [Reserved]

### Subpart 163.002—Pilot Hoist

Sec.

- 163.002-1 Scope.
- 163.002-3 Applicable technical regulations.
- 163.002-5 Definitions.
- 163.002-7 Independent laboratory.
- 163.002-9 Approval procedure.
- 163.002-11 Materials.
- 163.002-13 Construction.
- 163.002-15 Performance.
- 163.002-17 Instructions and marking.
- 163.002-21 Approval tests.
- 163.002-25 Marking.
- 163.002-27 Production tests and examination.

### Subpart 163.003—Pilot Ladder

- 163.003-1 Scope.
- 163.003-3 ASTM standard.

## 46 CFR Ch. I (10-1-11 Edition)

- 163.003-7 Independent laboratory.
- 163.003-9 Approval procedure.
- 163.003-11 Materials.
- 163.003-13 Construction.
- 163.003-15 Performance.
- 163.003-17 Strength.
- 163.003-21 Approval tests.
- 163.003-25 Marking.
- 163.003-27 Production tests and examination.

AUTHORITY: 46 U.S.C. 3306, 3703, 5115; E.O. 12234, 45 FR 58801, 3 CFR, 1980 Comp., p. 277; 49 CFR 1.46.

SOURCE: CGFR 50-30, 16 FR 1086, Feb. 6, 1951, unless otherwise noted.

### Subpart 163.001 [Reserved]

### Subpart 163.002—Pilot Hoist

SOURCE: CGD 74-140, 46 FR 63287, Dec. 31, 1981, unless otherwise noted.

#### § 163.002-1 Scope.

(a) This subpart contains standards and approval and production tests for pilot hoists used on merchant vessels.

(b) The requirements in this subpart apply to a pilot hoist designed for use along a vertical portion of a vessel's hull.

#### § 163.002-3 Applicable technical regulations.

(a) This subpart makes reference to the following Coast Guard regulations in this chapter:

- (1) Subpart 58.30 (Fluid Power and Control Systems).
- (2) Section 94.33-10 (Description of Fleet Angle).
- (3) Part 111 (Electrical System, General Requirements).
- (4) Subpart 163.003 (Pilot Ladder).
- (b) [Reserved]

#### § 163.002-5 Definitions.

(a) *Maximum persons capacity* means—

(1) If the hoist has a rigid ladder, one person; or

(2) If the hoist has a platform, one person per square meter (10.75 sq. ft.) or fraction thereof of platform area (including hatch area);

(b) *Working load* means the sum of the weights of—

(1) The rigid ladder or lift platform, the suspension cables (if any) and the pilot ladder on a pilot hoist; and